

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

City of Sacramento

El Camino Avenue Bridge

| Overall Unit Rating | Rated Item | Item Rating |
|---------------------|-----------------------------------|-------------|
| A | Photo Documentation | N |
| | Vegetation & Obstructions | M |
| | Shoaling / Sedimentation | A |
| | Erosion / Bank Caving | A |
| | Revetments | M |
| | Encroachments | M |
| | Culverts: Inlets / Outlets | N |
| | Culverts: Breaks / Holes / Cracks | N |
| | Metal Pipes | N |
| | Trash Racks | N |
| | Flap Gates | N |
| | Sluice/Slide Gates | N |
| | Electric Gate Operators | N |
| | Manual Gate Operators | N |
| | Concrete Surfaces | A |
| | Concrete Tilting / Settlement | A |
| | Concrete Foundations | A |
| | Security Fencing | N |
| | Closure Structures | N |
| | Trash Rakes | N |
| | Other Metallic Items | N |
| | Monolith Joints | A |
| | Safety | A |
| | Operation & Maintenance Manual | A |

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

City of Sacramento (cont.)

Magpie Creek Pumping Plant

| Overall Unit Rating | Rated Item | Item Rating |
|---------------------|---------------------------------------|-------------|
| M | Operating Log | A |
| | Operation & Maintenance Manual | A |
| | Plant Building | A |
| | Communications | A |
| | Safety | M |
| | Cranes | A |
| | Pumps | A |
| | Power | A |
| | Motors, Engines, Fans & Gear Reducers | A |
| | Pump Control Systems | A |
| | Sumps/Wet Well | A |
| | Trash Racks | A |
| | Trash Rakes | A |
| | Sluice / Slide Gates | A |
| | Electric Gate Operators | N |
| | Manual Gate Operators | A |
| | Other Metallic Items | A |
| | Flap Gates | A |
| | Closure Structures | N |
| | Security Fencing | U |
| | Intake and Discharge Pipes | A |

Flood Control Project Maintenance

Unit Cover Sheet

2020 Structure Inspection Results

City of Sacramento

| Structure |
|-------------------------|
| El Camino Avenue Bridge |

| | |
|--------------------|-----------|
| Structure Rating | A |
| Date of Inspection | 7/15/2020 |
| DWR Inspector | Luz Dial |
| Accompanied By | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|---|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 1 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Photo Documentation | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_1 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: West El Camino bridge is inspected as a structure, because the bridge deck is below the design water surface elevation, causing the wingwalls and guard railing to act as flood walls during high water events. | | | | | |

Photo 1 of 2 : ST_2020_NA0005_221_1_20200723_00027.jpg



View of the El Camino Bridge from the west end. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : ST_2020_NA0005_221_1_20200723_00028.jpg



View of the El Camino Bridge from the east end. Summer 2020

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 2 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation & Obstructions | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_2 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Woody vegetation downstream of the bridge worsened and may impede flows. | | | | | |

Photo 1 of 2 : ST_2020_NA0005_221_2_20200723_00030.jpg



View of downstream vegetation. Summer 2020

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | | |
|--|--------------------------------------|--------------|----|------------------------|----------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 2 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Vegetation & Obstructions | | | 38.611365 ° | | 38.611365 ° |
| | | | | -121.466557 ° | | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_2 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: Woody vegetation downstream of the bridge worsened and may impede flows. | | | | | | |

Photo 2 of 2 : ST_2020_NA0005_221_2_20200723_00029.jpg



View of upstream vegetation. Summer 2020

| | | | | | |
|---|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | A | Issue No. | 3 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Shoaling / Sedimentation | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t_2012_3 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: There is minor shoaling in the channel. | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | A | Issue No. | 4 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Erosion / Bank Caving | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t_2012_4 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|---|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | M | Issue No. | 5 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Revetments | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t_2012_5 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Riprap underneath the bridge ends appears to be displaced by campers. | | | | | |

Photo 1 of 2 : ST_2020_NA0005_221_5_20200723_00040.jpg



View of revetment underneath the east end of the bridge. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 5 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : ST_2020_NA0005_221_5_20200723_00039.jpg



View of revetment underneath the west end of the bridge. Summer 2020

| | | | | | |
|---|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | M | Issue No. | 6 |
| LM End | 0.00 | Issue Type + | En | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Encroachments | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t_2012_6 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Camps are set up underneath the bridge and on the east slope. | | | | | |

Photo 1 of 2 : ST_2020_NA0005_221_6_20200723_00043.jpg



View of long-standing camps underneath the bridge. Summer 2020

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | | |
|---|--------------------------------------|--------------|----|------------------------|----------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 6 (cont) | |
| LM End | 0.00 | Issue Type + | En | Location * | WS | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Encroachments | | | 38.611365 ° | | 38.611365 ° |
| | | | | -121.466557 ° | | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_6 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: Camps are set up underneath the bridge and on the east slope. | | | | | | |

Photo 2 of 2 : ST_2020_NA0005_221_6_20200723_00031.jpg



View of camper debris and displaced riprap underneath the east end of the bridge. Summer 2020

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 7 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Culverts: Inlets / Outlets | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_7 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 8 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Culverts: Breaks / Holes / Cracks | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t _ 2012_8 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|-----------------|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | N | Issue No. | 9 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Metal Pipes | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t_2012_9 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 10 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trash Racks | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_10 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 11 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flap Gates | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_11 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 12 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Sluice/Slide Gates | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_12 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 13 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Electric Gate Operators | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_13 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 14 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Manual Gate Operators | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_14 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|---|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 15 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Concrete Surfaces | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2019_15 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: There is minor spalling and cracking at the north ends of the bridge. | | | | | |

Photo 1 of 2 : ST_2020_NA0005_221_15_20200723_00041.jpg



View of minor spalling at the northwest end of the bridge. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 15 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : ST_2020_NA0005_221_15_20200723_00042.jpg



View of minor cracking at the northeast end of the bridge. Summer 2020

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 16 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Concrete Tilting / Settlement | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_16 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 17 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Concrete Foundations | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_17 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: There is no apparent scouring or erosion at the footings of the structure. | | | | | |

Photo 1 of 2 : ST_2020_NA0005_221_17_20200622_00015.jpg



View looking west at the bridge piers. Summer 2019

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 17 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : ST_2020_NA0005_221_17_20200622_00016.jpg



View looking west at the bridge piers. Summer 2019

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 18 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Security Fencing | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_18 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
| | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|-----------------|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | N | Issue No. | 19 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Closure Structures | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t_2012_19 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 20 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trash Rakes | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_20 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 21 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Other Metallic Items | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_21 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Monolith Joints | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_22 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 7 : ST_2020_NA0005_221_22_20200723_00032.jpg



View of the southeast flood wall with monolith joints. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 2 of 7 : ST_2020_NA0005_221_22_20200723_00033.jpg



View of the southeast flood wall with monolith joints. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 3 of 7 : ST_2020_NA0005_221_22_20200723_00034.jpg



View of the southwest flood wall with monolith joints. Summer 2020

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Monolith Joints | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_22 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 4 of 7 : ST_2020_NA0005_221_22_20200723_00035.jpg



View of the northwest flood wall with monolith joints. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 5 of 7 : ST_2020_NA0005_221_22_20200723_00036.jpg



View of the northwest flood wall with monolith joints. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 6 of 7 : ST_2020_NA0005_221_22_20200723_00037.jpg



View of the northeast flood wall with monolith joints. Summer 2020

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | | |
|-----------------|--------------------------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Monolith Joints | | | 38.611365 ° | | 38.611365 ° |
| | | | | -121.466557 ° | | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2012_22 | | | | | |
| Action/Comments | | | | | | |
| | | | | | | |

Photo 7 of 7 : ST_2020_NA0005_221_22_20200723_00038.jpg



View of the northeast flood wall with monolith joints. Summer 2020

| | | | | | |
|-----------------|--------------------------------------|------------------------|----|---------------|----|
| LM Start | 0.00 | Rating ** | A | Issue No. | 23 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | GPS Latitude/Longitude | | | |
| | | Start | | End | |
| Item | Safety | 38.611365 ° | | 38.611365 ° | |
| | | -121.466557 ° | | -121.466557 ° | |
| DWR ID | DWR_NA0005_221_t_2012_23 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 2 : ST_2020_NA0005_221_23_20200622_00025.jpg



View of the north guard rails. Summer 2019

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 23 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : ST_2020_NA0005_221_23_20200622_00026.jpg



View of the south guard rails. Summer 2019

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|-------------------------|------------------|--------------------------|-------------|
| El Camino Avenue Bridge | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|---|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 24 |
| LM End | 0.00 | Issue Type + | Ma | Location * | WS |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operation & Maintenance Manual | | | 38.611365 ° | 38.611365 ° |
| | | | | -121.466557 ° | -121.466557 ° |
| DWR ID | DWR_NA0005_221_t_2014_24 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This bridge is listed as a project structure per the USACE, but it does not have an O&M manual. | | | | | |

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance

Unit Cover Sheet

2020 Pumping Plant Inspection Results

City of Sacramento

| Pumping Plant |
|----------------------------|
| Magpie Creek Pumping Plant |

| | |
|----------------------|---|
| Pumping Plant Rating | M |
| Date of Inspection | 7/15/2020 |
| DWR Inspector | Luz Dial |
| Accompanied By | William Miller, Jr. City of Sacramento |
| | Grant Moore City of Sacramento |

Flood Control Project Maintenance Levee Inspections

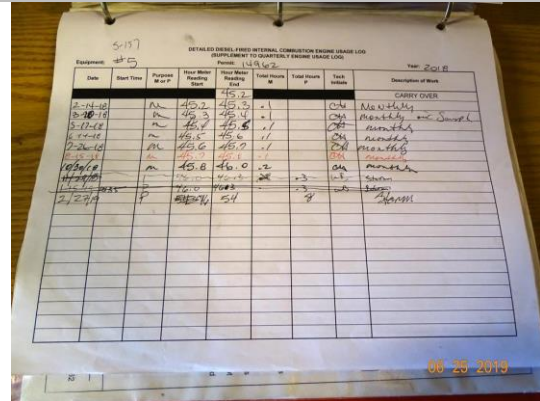
Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 1 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operating Log | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_1 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The operation log shows preventive maintenance activities for the engines, and the maintenance records show activities following their prescribed frequencies. | | | | | |

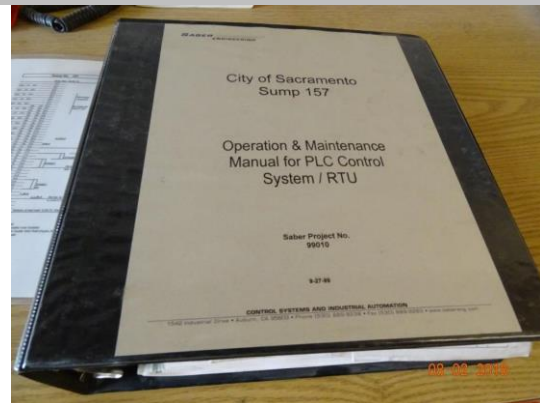
Photo 1 of 1 : ST_2020_NA0005_16_1_20200622_00001.jpg



View of the operating log for the diesel engines at the station. Summer 2019

| | | | | | |
|---|--------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 2 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operation & Maintenance Manual | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_2 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The City of Sacramento does not have the O&M manual for this plant. This pumping plant is listed in the SPFC Descriptive Document as a SPFC pumping plant. CVFPB permit #9596 was issued to construct this structure. | | | | | |

Photo 1 of 2 : ST_2020_NA0005_16_2_20200622_00002.jpg



View of the O&M manual for the PLC Control System/RTU. Summer 2018

| | | | | | |
|----------|------|--------------|----|------------|----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 2 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 2 : ST_2020_NA0005_16_2_20200622_00003.jpg



View of O&M manuals in the plant, but they are not written by the USACE. Summer 2017

| | | | | | |
|-----------------|--|---|--|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | | A : Acceptable | | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | | En : Enforcement | |
| | | N : Not Inspected/Rated | | | |
| | | C : Corrected | | | |
| | | A/W : Acceptable but Monitor & Maintain | | | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|-----------------|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 3 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Plant Building | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_3 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 4 : ST_2020_NA0005_16_3_20200721_00040.jpg



View of the pumping plant from the north. Summer 2020

| | | | | | |
|----------|------|--------------|----|------------|----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 3 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 4 : ST_2020_NA0005_16_3_20200721_00043.jpg



View of the pumping plant from the south. Summer 2020

| | | | | | |
|----------|------|--------------|----|------------|----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 3 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 3 of 4 : ST_2020_NA0005_16_3_20200721_00041.jpg



View of the channel upstream of the trash racks. Summer 2020

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | | |
|-----------------|------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.00 | Rating ** | A | Issue No. | 3 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Plant Building | | | 38.640967 ° | 38.640967 ° | |
| | | | | -121.471106 ° | -121.471106 ° | |
| DWR ID | DWR_NA0005_16_t_2012_3 | | | | | |
| Action/Comments | | | | | | |
| | | | | | | |

Photo 4 of 4 : ST_2020_NA0005_16_3_20200721_00039.jpg



View of the channel south of the pumping plant. Summer 2020

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 4 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Communications | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_4 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: District personnel have cell phones for communication. | | | | | |

No Photos

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 5 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Safety | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_5 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Repair damaged concrete walkway and metal railings from a vehicular rollover accident off of overpass. | | | | | |

Photo 1 of 4 : ST_2020_NA0005_16_5_20200721_00045.jpg



View of damaged walkway near trash rakes due to a vehicular rollover accident from overpass. Summer 2020

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.00 | Rating ** | M | Issue No. | 5 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Safety | | | 38.640967 ° | 38.640967 ° | |
| | | | | -121.471106 ° | -121.471106 ° | |
| DWR ID | DWR_NA0005_16_t_2012_5 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: Repair damaged concrete walkway and metal railings from a vehicular rollover accident off of overpass. | | | | | | |

Photo 2 of 4 : ST_2020_NA0005_16_5_20200721_00044.jpg



View of damaged railing and stairway near trash rakes. Summer 2020

Photo 3 of 4 : ST_2020_NA0005_16_5_20200722_00073.jpg

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 5 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |



View of a fire extinguisher inside the engine room. Summer 2020

Photo 4 of 4 : ST_2020_NA0005_16_5_20200722_00074.jpg

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 5 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |



View of a fire extinguisher inside the engine room. Summer 2020

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 6 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Cranes | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_6 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The annual crane certification was completed on September 6, 2019. | | | | | |

Photo 1 of 1 : ST_2020_NA0005_16_6_20200622_00012.jpg



View of 7.5 ton overhead crane. Summer 2018

| | | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Pumps | | | 38.640967 ° | 38.640967 ° | |
| | | | | -121.471106 ° | -121.471106 ° | |
| DWR ID | DWR_NA0005_16_t_2012_7 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: All pumps were available and in service during the inspection. | | | | | | |

Photo 1 of 6 : ST_2020_NA0005_16_7_20200721_00048.jpg



View of small electric pump. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 6 : ST_2020_NA0005_16_7_20200721_00046.jpg



View of electric pump #2. Summer 2020

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | | |
|--|------------------------|--------------|----|------------------------|----------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Pumps | | | 38.640967 ° | | 38.640967 ° |
| | | | | -121.471106 ° | | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_7 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: All pumps were available and in service during the inspection. | | | | | | |

Photo 3 of 6 : ST_2020_NA0005_16_7_20200721_00051.jpg



View of electric pumps #3 and #4. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 4 of 6 : ST_2020_NA0005_16_7_20200721_00049.jpg



View of propane-powered pump #5. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 5 of 6 : ST_2020_NA0005_16_7_20200721_00050.jpg



View of propane-powered pump #6. Summer 2020

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | | |
|--|------------------------|--------------|----|------------------------|----------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Pumps | | | 38.640967 ° | | 38.640967 ° |
| | | | | -121.471106 ° | | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_7 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: All pumps were available and in service during the inspection. | | | | | | |

Photo 6 of 6 : ST_2020_NA0005_16_7_20200721_00047.jpg



View of propane-powered pump #7. Summer 2020

| | | | | | |
|-----------------|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 8 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Power | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_8 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 10 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Motors, Engines, Fans & Gear Reducers | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2013_10 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
| | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 11 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Pump Control Systems | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_11 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 2 : ST_2020_NA0005_16_11_20200721_00053.jpg



View of the motor control center and operator interface panel. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 11 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 2 : ST_2020_NA0005_16_11_20200721_00052.jpg



View of the motor control center. Summer 2020

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 12 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Sumps/Wet Well | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_12 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 1 : ST_2020_NA0005_16_12_20200721_00054.jpg



View of the sump area. Summer 2020

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 13 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trash Racks | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2018_13 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 1 : ST_2020_NA0005_16_13_20200722_00075.jpg



View of the trash racks. Summer 2020

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 14 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trash Rakes | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_14 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Both Duperon trash rakes appear to be running properly. | | | | | |

Photo 1 of 3 : ST_2020_NA0005_16_14_20200722_00057.jpg



View of the Duperon trash rakes. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 14 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 3 : ST_2020_NA0005_16_14_20200722_00058.jpg



View of the Duperon trash rakes. Summer 2020

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.00 | Rating ** | A | Issue No. | 14 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Trash Rakes | | | 38.640967 ° | 38.640967 ° | |
| | | | | -121.471106 ° | -121.471106 ° | |
| DWR ID | DWR_NA0005_16_t_2012_14 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: Both Duperon trash rakes appear to be running properly. | | | | | | |

Photo 3 of 3 : ST_2020_NA0005_16_14_20200722_00059.jpg



View of the control panel for the trash rakes. Summer 2020

| | | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.00 | Rating ** | A | Issue No. | 9 | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Sluice / Slide Gates | | | 38.640967 ° | 38.640967 ° | |
| | | | | -121.471106 ° | -121.471106 ° | |
| DWR ID | DWR_NA0005_16_t_2013_9 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: Maintenance records indicate that gates have been exercised for preventive maintenance. | | | | | | |

No Photos

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 16 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Electric Gate Operators | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_16 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 17 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Manual Gate Operators | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_17 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The wrench was not available to exercise the gate operators during the inspection. | | | | | |

Photo 1 of 1 : ST_2020_NA0005_16_17_20200722_00060.jpg



View of the manual gate operators. A hydraulic wrench is centrally stored at another facility. Summer 2020

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 18 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Other Metallic Items | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_18 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 19 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flap Gates | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_19 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 2 : ST_2020_NA0005_16_19_20200722_00061.jpg



View of the flap gates to the south. Summer 2020

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 19 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flap Gates | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_19 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 2 of 2 : ST_2020_NA0005_16_19_20200722_00062.jpg



View of the flap gates to the north. Summer 2020

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 20 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Closure Structures | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_20 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | U | Issue No. | 21 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Security Fencing | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_21 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Maintenance records list numerous breaches to the facility, including incidents of electrical tampering, trespassing, and vandalism. | | | | | |

Photo 1 of 4 : ST_2020_NA0005_16_21_20200722_00063.jpg



View of breach in the fence. Summer 2020

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.00 | Rating ** | U | Issue No. | 21 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Security Fencing | | | 38.640967 ° | 38.640967 ° | |
| | | | | -121.471106 ° | -121.471106 ° | |
| DWR ID | DWR_NA0005_16_t_2012_21 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: Maintenance records list numerous breaches to the facility, including incidents of electrical tampering, trespassing, and vandalism. | | | | | | |

Photo 2 of 4 : ST_2020_NA0005_16_21_20200722_00064.jpg



View of breach in the fence. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | U | Issue No. | 21 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 3 of 4 : ST_2020_NA0005_16_21_20200722_00065.jpg



View of breach in the fence. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | U | Issue No. | 21 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 4 of 4 : ST_2020_NA0005_16_21_20200722_00066.jpg



View of breach in the fence. Summer 2020

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | |
|-----------------|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Pump Stations | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Intake and Discharge Pipes | | | 38.640967 ° | 38.640967 ° |
| | | | | -121.471106 ° | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_22 | | | | |
| Action/Comments | | | | | |
| | | | | | |

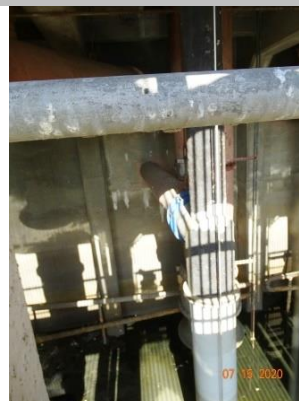
Photo 1 of 6 : ST_2020_NA0005_16_22_20200722_00067.jpg



View of an intake pipe. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 6 : ST_2020_NA0005_16_22_20200722_00068.jpg



View of an intake pipe. Summer 2020

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 3 of 6 : ST_2020_NA0005_16_22_20200722_00069.jpg



View of an intake pipe. Summer 2020

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

City of Sacramento

| Structure | Structure Length | Inspection Start/End | Inspector |
|----------------------------|------------------|--------------------------|-------------|
| Magpie Creek Pumping Plant | | 07/15/2020 07/15/2020 | Luz Dial |

| | | | | | | |
|-----------------|----------------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) | |
| LM End | 0.00 | Issue Type + | Ma | Location * | | |
| Category | Pump Stations | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Intake and Discharge Pipes | | | 38.640967 ° | | 38.640967 ° |
| | | | | -121.471106 ° | | -121.471106 ° |
| DWR ID | DWR_NA0005_16_t_2012_22 | | | | | |
| Action/Comments | | | | | | |
| | | | | | | |

Photo 4 of 6 : ST_2020_NA0005_16_22_20200722_00072.jpg



View of grate over some discharge pipes. Summer 2020

Photo 5 of 6 : ST_2020_NA0005_16_22_20200722_00070.jpg



View of an intake pipe. Summer 2020

Photo 6 of 6 : ST_2020_NA0005_16_22_20200722_00071.jpg



View of an intake pipe. Summer 2020

| | | | | | |
|----------|------|--------------|----|------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

| | | | | | |
|----------|------|--------------|----|------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement